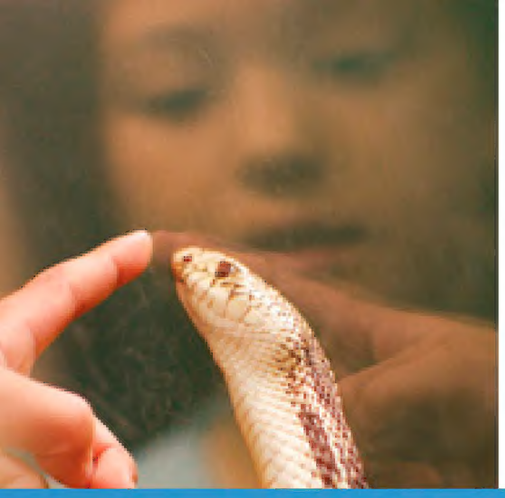

CALIFORNIA ACADEMY OF SCIENCES ANNUAL REPORT 2009

FIRST YEAR

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It's been one year since we opened the doors to our magnificent new California Academy of Sciences. If we were to celebrate with a cake, we'd need two million candles, because that's how many visitors we welcomed in our first year. This extraordinary facility is bursting with life, and not just the human variety.

The Academy is home to more than 38,000 live animals. Two thousand fish swim in our coral reef. On our living roof, 1.7 million native plants are blooming and growing while they help insulate the building. Hundreds of billions of stars twinkle in the planetarium's sky. One hundred scientists and educators work to find and teach the latest scientific breakthroughs. And let's not forget those 20 penguins and one albino alligator!

The California Academy of Sciences is more than a museum. It's a living organism—growing and multiplying and discovering. Just as the Academy's glass walls are

transparent—allowing the inside out and the outside in—we are reaching out into the community and bringing the excitement of science to new audiences.

Thanks to more than 3,800 donors to our successful capital campaign, the magnificent building is complete. Now our challenge is to fulfill the enormous potential that we have created here. Our mission is clear: to engage the public in exciting ways, to educate new generations of science lovers, and to spread the word about the nature of life, biodiversity, and sustainability.

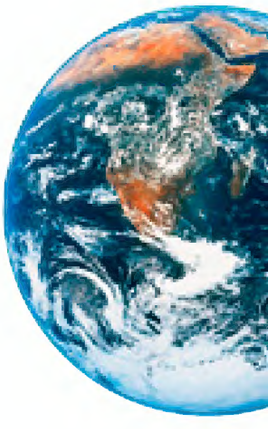
We're growing in all kinds of new directions. Join us in this continued adventure.

Gregory C. Farrington, Ph.D.,
Executive Director

A lot can happen in a year. Discovering a 3.3 million-year-old raccoon dog. Celebrating Charles Darwin's birthday in the Galápagos. Inviting local citizens of all ages to help collect specimens for research. Beyond the Academy exhibits you know and love are an abundance of programs that engage the community, teach our children, and advance the frontiers of scientific discovery. Within the sleek concrete and see-through glass of our new LEED Platinum-certified home, the Academy is pulsing with energy, activity, and the thrill of new learning. But our reach extends beyond our four walls, too. We're out in the field discovering new species. We're in the classroom cultivating curiosity and wonder. We're hosting cool parties with a hot scientific twist. Here are a few ways we've been blossoming and growing in our first year...

The Academy's participation in captive breeding

programs is one way we are working to protect rare and endangered species. Citizen science projects allow everyday folks to collect and contribute data to the Naturalist Center for Academy research. The weekly NightLife program brings a new audience to the Academy, combining cutting-edge science, musical entertainment, and special guests. Earth Day in April 2009 and the World Oceans Day Festival in June 2009 were two opportunities to raise public awareness and appreciation for the Earth's resources, and to inspire wiser environmental choices.



The Enhanced Museum Visits for Students Program not only combines student field trips with corresponding teacher workshops, but also provides family passes and exploration guides to continue the learning beyond the classroom. The Teacher Institute on Science and Sustainability is coaching local third- through fifth-grade teachers how to cultivate envi-

ronmental awareness in their classrooms while reducing carbon footprints. More than 2,200 students in grades 2-12 participated in education laboratories at the new Academy, and 638 teachers representing 17,000 students opted for professional development workshops. And, for older students from groups typically underrepresented in the sciences, our Careers in Science Intern Program provides training on the public floor and in research labs, helps them spread their excitement about science in local schools, and encourages them to pursue science in college and beyond.

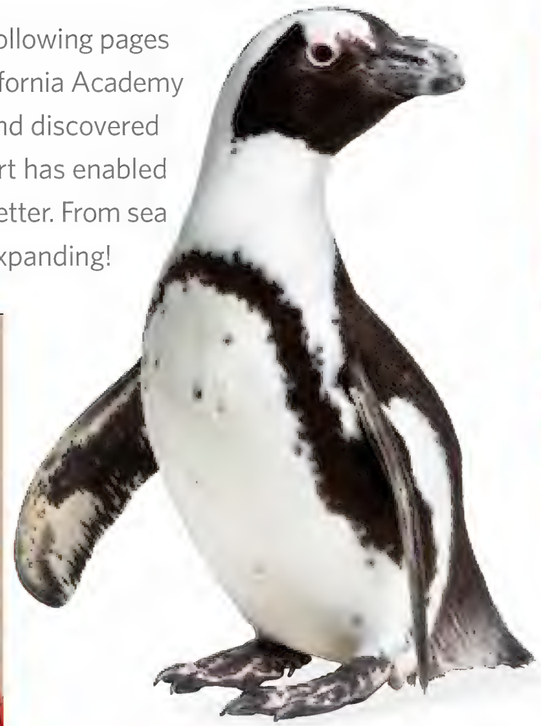
Digging, diving, and discovering, Academy scientists have been busy this year. From the coral reefs of the Philippines to the Ethiopian desert, they have been traveling the globe on research expeditions to document the planet's diverse flora and fauna.

continued after the pullout

A Universe Unfolding.

A universe unfolding. Check out the following pages for more on the ways in which the California Academy of Sciences has engaged, educated, and discovered in the past year. Your generous support has enabled us to dig deeper, reach farther, teach better. From sea slugs to supernovas, our universe is expanding!

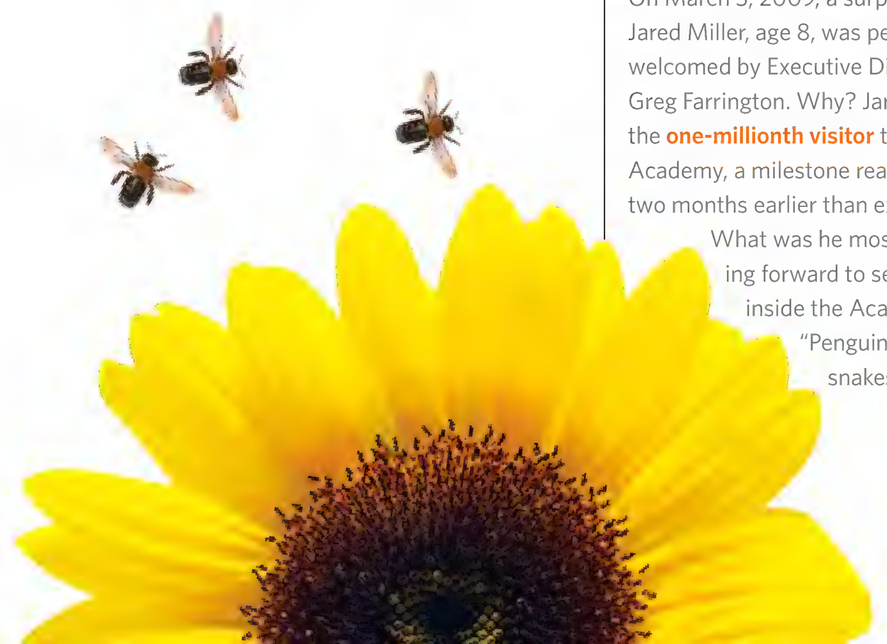
Mammals and mojitos? Electric eels and West Coast electronica? Where else could you find such spirited combos but at our weekly **NightLife** events? Every Thursday from 6 to 10 pm, the hip and cool crowd parties with the penguins and learns about science after-hours. Buzz Aldrin showed up for an impromptu talk about his days as an astronaut. On Rock the Bike night, guests kept the DJ music going with pedal power. And on April Fool's Day, specimen skulls sported hats and the *T. rex* carried a purse. Visit **www.calacademy.org/events/nightlife**

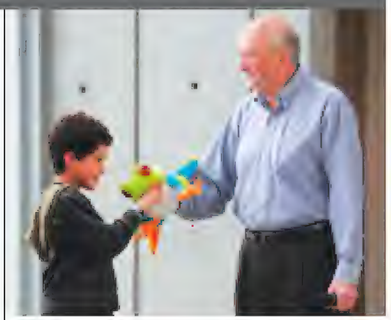


penguins is the best known of the Academy's **captive-breeding programs,** but we participate in a variety of other such programs and here's why: captive breeding can help prevent species extinction. Raising the animals in a museum or zoo environment serves an educational purpose, too, increasing public awareness about rare and threatened species. And regular observations lead to better scientific understanding of the animals. In addition to the penguins, the Academy also breeds dwarf cuttlefish and golden mantella frogs.

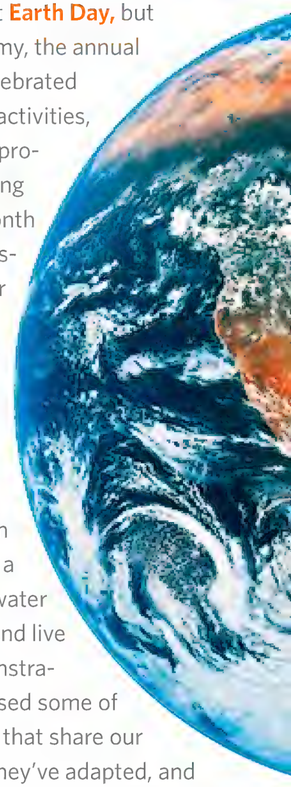
On June 6, 2009, we celebrated **World Oceans Day** with our friends in the aquarium, along with stilt-walkers dressed as giant octopi and jellyfish. In the 50-foot-long Salmon Tent, kids listened to salmon-themed stories that recounted tales—and challenges—of these remarkable fish, while Academy scientists conducted ocean-related studies in the Research Lab.

itizen Science Projects in the Bay Area:
Area Ant Survey (BAAS)—*ants,* LiMPETS—*marine rtebrates and algae,* Quake Catcher Network—*hquakes,* The Great Sunflower Project—*bees,* NestWatch—*birds,* Project BudBurst—*plants, phenology,* Great Backyard Bird Count—*birds,* Frogwatch USA—*frogs and toads,* GLOBE at Night—*night pollution,* Celebrate Urban Birds—*birds,* Galaxy Zoo—*classifying galaxies*





On March 3, 2009, a surprised Jared Miller, age 8, was personally welcomed by Executive Director Greg Farrington. Why? Jared was the **one-millionth visitor** to the Academy, a milestone reached two months earlier than expected. What was he most looking forward to seeing inside the Academy? "Penguins and snakes!"



You can call it **Earth Day,** but at the Academy, the annual event was celebrated by hands-on activities, exhibits, and programs spanning the whole month of April. A Sustainability Fair showcased new ideas for leading more eco-responsible lives. A naturalist led an exploration of Stow Lake, a nearby freshwater ecosystem. And live animal demonstrations showcased some of the creatures that share our planet, how they've adapted, and what we can do to help protect them.

Calling all future scientists: Through our **Careers in Science Intern Program,** the Academy employed 35 high school and college students in 2009, helping to train the next generation of scientific researchers, teachers, and thinkers. From developing new "demonstration stations" for the public floor to collecting specimens and dissecting dogfish, our interns have been getting their hands dirty in the name of scientific discovery. Together, they've served more than 1,500 K-5 students in after-school programs, and interacted with more than 400,000 Academy visitors on the public floor.

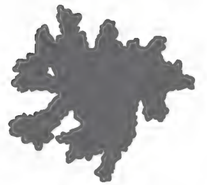
From Yosemite to Yunnan, spanning four continents and two oceans, the Academy's intrepid scientific researchers have been unearthing more earthlings. In 2009, they described **94 new species.** Included in our growing family tree are 65 arthropods (insects, arachnids, and their kind), 14 plants, eight fishes, five sea slugs, one coral, and one fossil mammal. It just goes to show that there will always be more to discover on this precious planet—and more to learn about biodiversity, evolution, and conservation.

65 arthropods

14 plants

8 fishes

5 sea slugs

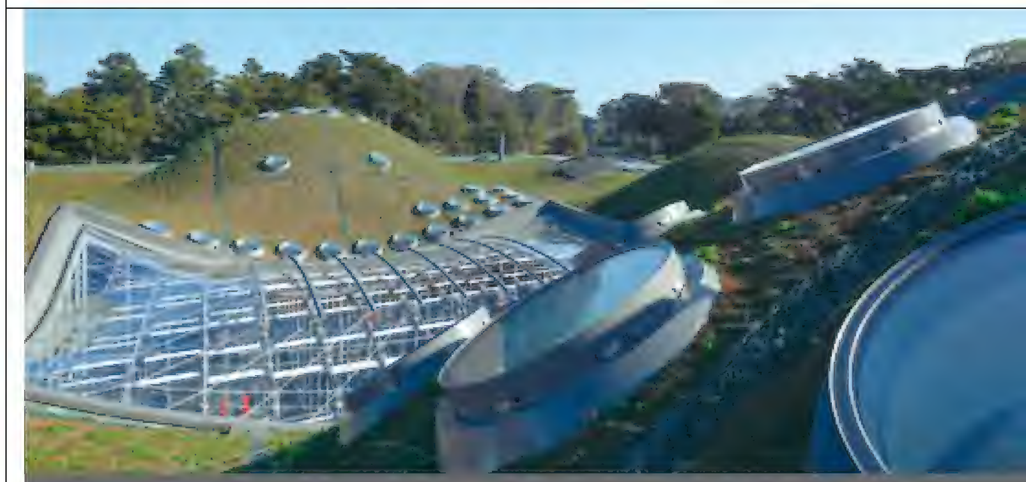


1 coral

1 fossil mammal

Some of the new species described by Academy researchers include: **Fish** *Bellottia cryptica, B. robusta, Coelorinchus fuscigulus, C. obscuratus, C. osipullus, Hydrolagus melanophasma* (ghostshark) **Deep-sea coral** *Gersemia juliepackardae* **Arthropods** *Ceraeochrysa chiricahuae, Mallinela bifurcata, M. biumbonalia, M. kunmingensis, Nebria praedicta, Sanmenia tengchong, Syringophiloidus sialius, Torotrogla coccothraustes, T. cyanocitta, T. piranga* **Mosses** *Homalothecium californicum, Pseudoleskea tribulosa* **Fossil raccoon dog** (dating from 3.3 million years ago) *Nyctereutes lockwoodi.* For a full list of species, including geographic information, visit: **www.calacademy.org/newsroom/releases/2009/new_species_list.php**

In 2009, roughly 125,000 people took advantage of **Free Days** at the Academy. Every third Wednesday of the month, we open our doors to the public without charge, thanks to the generosity of Wachovia (through September 2009) and The Bernard Osher Foundation (starting October 2009). And if you live in the city of San Francisco, **Neighborhood Free Days** are offered to qualifying ZIP codes on selected three-day weekends twice a year, as part of our partnership with Bank of America.



The Academy continues to be recognized for building the **greenest museum in the world**. Last year we were honored with: the Urban Land Institute's 2009 Global Award for Excellence, the 2009 Cammy Award for Museum Leadership in Sustainable Practices by the California Association of Museums, Best Public or Cultural Space and Best Green Building by the *San Francisco Business Times,* and inclusion as one of the Top Ten Green Projects in San Francisco by the American Institute of Architects.

Science rocks! **Enhanced Museum Visits for Students Program** is one of the Academy's signature experiences. Beyond offering school field trips for 4th and 5th grade classes within San Francisco County, here is what's included with each free Enhanced Museum Visit: bus transportation, corresponding teacher workshops, educational programs, a student pass, and a one-time family pass for students' families. This year, we were able to add Buddy Teacher Slots, more Teacher Workshops, and Family Exploration Guides, making the program's reach even broader and deeper.

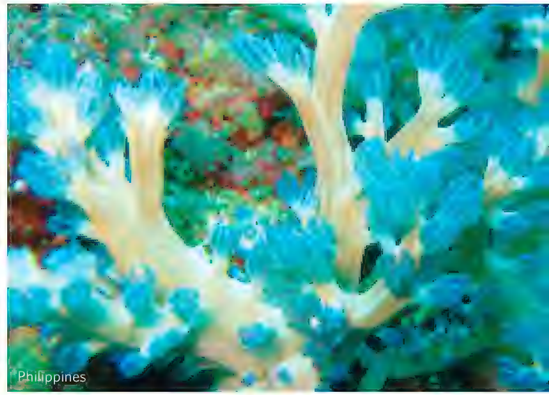
A television pioneer—one of the first "small screen" science shows in the 1950s—makes a comeback. Originally produced right here at the Academy, **Science in Action** is back, now broadcast via plasma screens on the museum floor, at our NightLife events, and on our website and social media channels. It's our way of communicating everyday science issues and breaking discoveries.

California—not only is the state's human population diverse, but its collection of plants and animals is among the most varied on the planet, making it one of the world's 34 biodiversity hotspots. No surprise, then, that ten of this year's **newly described species** hail from our home state.

Academy herpetologist Al Leviton received the **2009 Distinguished Service Award** from the American Association for the Advancement of Science, Pacific Division.

On July 15, 2009, Google launched its Favorite Places initiative—an addition to **Google Maps** in which 200 luminaries from more than a dozen cities selected their favorite hometown restaurants, shops, and attractions. The Academy was chosen as a favorite spot by Mayor Gavin Newsom, artist Maya Lin, and of course, Executive Director Greg Farrington. Farrington's favorite places were marked with a specially designed penguin pin.

Academy scientists continue to travel the globe on e
about our planet. Last year, these included: **Papua**
São Tomé and Principe—to conduct studies in inve
Ethiopia—to dig in the fossil-rich Awash Valley, **Phi**



expeditions in search of new knowledge
New Guinea—to study bird virology,
rtebrate zoology and ichthyology,
lippines—to study sea slugs and corals

$500 million. 3,800+ donors. At the September 16, 2009, meeting of the Academy's Board of Trustees, we announced the successful completion of the **Campaign for the New Academy**, which enabled us to build our extraordinary new home. But the adventure is just beginning. The successful Campaign allows us to start a new chapter in the Academy's history—deepening our commitment to advancing scientific literacy, engaging the public, and documenting and conserving Earth's natural resources.

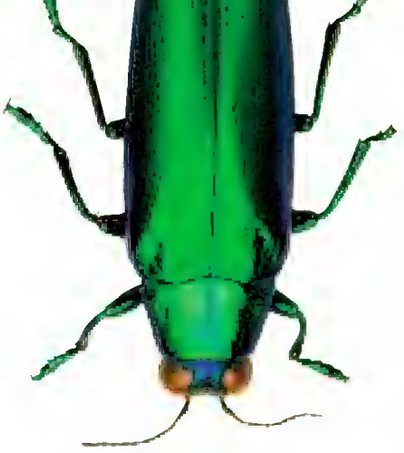
In **"What Is Missing?"**, artist Maya Lin—known for her iconic Vietnam Veterans Memorial—created for the Academy her first multimedia project and last memorial. Dedicated on September 17, 2009, the permanent sculpture on the East Terrace is part of a multi-sited, multimedia artwork dedicated to raising awareness about biodiversity and habitat loss. An enormous "Listening Cone" houses a screen with video footage of endangered species, as well as the habitats so vital to their survival.

"I can actually see myself as a scientist—something of a novel concept to me. Also, I have really grown to love the science journal process. I'm seeing ways to apply it to my curriculum across the board. What a valuable tool!"

From a TISS participant

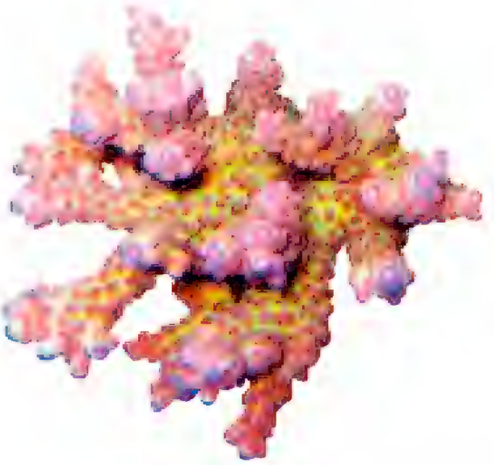
What is energy? What contains carbon? And how can we reduce our own carbon footprints? Last year, 30 third- to fifth-grade teachers participated in the Academy's **Teacher Institute on Science and Sustainability,** a program designed to give local teachers the tools to inspire their students to protect our planet. The program offers in-depth workshops on topics like energy use and food choices, takes teachers on sustainability-themed field trips, and provides lesson plans and kits for a wide range of interactive classroom activities. The best news: Teachers are more excited about teaching science and cultivating environmental awareness in the next generation.

Happy birthday to Claude, our beloved **albino alligator,** who turned 14 on September 15, 2009. Although his species was once endangered, Claude and his relatives now live in healthy numbers, thanks to habitat protection and captive breeding programs.



Their explorations have resulted in 94 new species descriptions, adding to the family tree of life on Earth. And joining the international community in tackling one of the most urgent issues of our time, the Academy participated in COP15, the United Nations Climate Conference in Copenhagen, where it presented research about the impacts of climate change on biodiversity. These diligent efforts do not go unnoticed by the scientific community: Academy researchers published more than 70 papers and received at least seven new, federal grants in 2009.

It's been an amazing first year here at the California Academy of Sciences. Come join us for more adventures in Golden Gate Park and at the frontiers of scientific research around the world. The possibilities for discovery are endless.



Donors

The Academy is deeply grateful for the support and commitment of its exceptional community of donors. Their generosity enables the Academy to remain focused on its mission to explore, explain, and protect the natural world. Thank you!

FRIENDS OF THE ACADEMY

No one gets closer to the action than Friends of the Academy. Through their generosity, Friends provide much-needed annual support to advance the Academy's mission and protect the astounding diversity that surrounds us.

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Did You Know?

Using acid baths and tiny carving tools, paleontologists can "hatch" dinosaur embryos from fossilized eggs, sometimes chiseling them out of grain by painstaking grain.

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Charlot and Gregory Malin
Lucia Matzger
Gail Enfiajian and Bill May
The McElwee Family
Roslyn and Mervin Morris

Guess What?

There's sea kelp in your ice cream. Many packaged foods contain both carrageenan and algin made from kelp and other brown algae. Algin is an emulsifier that binds oily and watery fluids together (think salad dressing), and carrageenan helps to thicken ice cream.

Shay and Jeff Morris
Ann Elise and Michael Murakami
John Nelson
Jackie and Howard Nemerovski
Claudette and John Nicolai
Nob Hill Capital Management
Nora Norden
Aimee and Christopher Norwine
Karyn and Craig Palmer
Gary Demyen and Les Partridge
Daniela and Jonathan Pedley
Ann Marie and Joseph Perrelli
Mauree Jane and Mark Perry
Regina Phelps

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Did You Know?

In 1610, Galileo Galilei became the first person to conduct scientific observations that supported Coperinicus' theory that planets orbit the sun. While Galileo did not invent the telescope, he was the first scientist to change the focus of the instrument from the ground to the sky.

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Tropical rainforests have more species of trees than any other types of forests in the world, ranging from 500 to 700 species per hectare.

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Only 53% of American adults know how long it takes for Earth to revolve around the Sun (one year).

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Did You Know?

Snakes use smell rather than eyesight to locate their prey. Pit vipers and pythons can sense the body heat of warm-blooded mammals. Other species can sense the approach of animals by feeling vibrations in the ground.

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Only 59% of American adults know that dinosaurs and the earliest humans did not live at the same time.

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Because deep-sea fish grow slowly and reproduce later in life, they are extremely vulnerable to over-fishing.

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In addition to hibernating for long periods during the winter, bats can enter torpor—a constant state of slowed heart rate, breathing, and metabolism.

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Did You Know?

Leaves change color in the fall because as the bright light of summer fades, chlorophyll levels decrease. The absence of chlorophyll allows other pigment molecules to show through, such as carotenoids (oranges and yellows). Anthocyanins (reds and purples) may also develop at this time.

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By The Numbers

Specimens in the Academy's collections range in size from diatoms, at 0.05 millimeters, to an 87-foot whale skeleton.

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Who Knows?

California's economic strength has historically been based on scientific innovation. Yet the state's 4th and 8th graders recently ranked second to last in the nation in science.

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Did You Know?

Nematodes, or roundworms, are arguably the most numerous animals on Earth. The bodies of all creatures, including ants, have nematodes on their surface. One clump of oozing sediment from the ocean's floor may contain thousands of nematodes.

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Did You Know?

Many birds migrate to take advantage of optimal climate and feeding conditions throughout the year. The distance they travel can range from the mountain quails' three-mile trek to the Arctic Tern's 22,000-mile voyage.

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Guess What?

Despite similar appearances and behaviors, eels are not related to snakes.

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Did You Know?

Forty percent of all fish species inhabit freshwater, but approximately two percent of Earth's water is freshwater.

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Marilyn and Oscar Erickson
R. Elizabeth Erickson
Phyllis and Roger Erickson
Virgil Erickson
Tanya Ericson
Leila Erskine
Marion and Julio Espinosa
Nora and Blanca Estrada
Sandra Etchell
Nancy Weston and William Euphrat
Becky Evans
Andrea and Cameron Evans
Arthur and Pam Evans
Carol Evkhanian
Hank Fabian
Amy Ruegg and Stephen Fahnestalk
Lauri and Steven Falabella
Denis and Angela Fama
Elizabeth and Jeffrey Faraday
Geraldine Farber
Farese Family Foundation
Leida Schoggen and William Farmer
Mary O'Hara and Tim Farrell
Laura Howard and Gene Faucher

By The Numbers

The soil and plants on the living roof weigh 2.6 million pounds.

Pauline and Gilbert Faukner
Jane and Richard Fauser
Kate Nowell-Smith and Gary Fausone
Mary Fe
Kirsten Fleischmann and Mark Fearon
Jenna and Steven Feinberg
Marilyn and Paul Felber
Eve Schooler and Robert Felderman
Christine Glastonbury and Michael Feldman
Joan Ferguson
Lois Ferguson
Marcy Fernandez
Jessica and Edwin Ferrari
Maureen Fetros
Lori and Kirk Fetzer
Norma Garcia and Bert Feuss
Cynthia Towle and Darron Fick
Carol and John Field
Audrey and David Fielding
Irene and Mark Figari
Dorothy and Julie Filice
Debra and Robert Fils

Guess What?

The world's smallest flower is the duckweed *(Wolffia)*, measuring less than a millimeter long. Its fruit is smaller than a grain of salt.

Shoshana and David Finacom
Pamela and Alan Fine
Lillian Fireside
Nancy Fischer
Kimberly and Richard Fisher
Stacy and James Flaherty
Beverley and William Flaherty
Elizabeth Scarpelli and Anthony Flanagan
Marina Gorbis and Christopher Fleischut
Lisa Weston and Nick Fleming
Susan Floore
Marilyn and Matt Flores
Corinne Fok and Sonia Flores
Ruth Floyd
Luella and Stuart Floyd
Joan Casserly and Melvin Flyer
Delores Flynn
Julie and Gregory Flynn
Beth and Kevin Flynn
Kathleen and Luis Folan
Diana Taylor and Jay Folberg
Clinton Folger
Stuart Yater and Ellison Folk
Bruce Folsom
Carol and Benjamin Fong
Clarice and Benson Fong
Christopher Fong
Daisy and Waiman Fong
Diana Fong-Wedgwood
Maria Foraboschi
Celeste Ford
Mary Holstege and Daniel Ford
Julie Ford
Billie Freudiger Forer
Mary Pat and Anthony Formosa
Beth and Bill Fort
Trudy and John Forte
Jean Foss
Kathleen Fourre
Claire Beasley and Alan Fox
Amy Bach and Jeff Fox
John Fox
Joanne and Michael Fox
Vivienne and Emma Fraijo
Mary Francis
Joan and Ron Francis
Agnes Frank
Richard Frank
Lena Hwang and Robert Frank
Marcie and Robert Frantz
Noriko and Alan Frazer
Peter Frazier
Barbara and Joseph Fredrick
Louise and William Freedman
Alanna and John Freeman
Janet Partridge and Sigmund Freeman
Boel and Norman Freid
Carolyn and Jerry Freitas
Muriel French
Stacey and Steven Friedlander
Ellen Friedman
Barbara and John Friedman
Helen and William Friel
Linda Fries
Janice and John Friesen
Catherine Atcheson and Christian Fritze
Jeanette and Bob Fritzky
Alberta and Roy Fross
Crystal and Scott Frost
Sarikka Attoe and Maria Fuchs
Grace Fukuda
Deborah and Robert Full
Glenn Fuller
Heidi and Heidi Fuller
Katherine and Robert Furukawa
Bryan Gabbard
Anna and Eugene Gaenslen
Susan and John Galbraith
Louisiana and Richard Gale
Leona Galindo
Jane and Scott Gallardo
Cathy and Steve Gallegos
Daniel Gallen
Stacey Hubbard and Sean Gallo
Pamela Galy
Kim Huang and Fen-Biao Gao
Evelina Gara
Olga Solis and Albert Garcia
Paula and Andre Garcia
Guadalupe and Baltazar Garcia
Carole and John Garcia
Ana Pross and Neftaly Garcia
Ofelia Garcia
Dena and John Gardi
Margean and Craig Gardner
Francesca Gardner
Jinky and Michael Gardner
Julie McClean and Newell Garfield
Brett and Brett Garner
Gwenn and Matthew Garrett
Susan Garrity
Ellen Gartside
Diane Gasson
Diane and Mark Gathings
Miriam and Arthur Gauss
Linda Gavin
Victoria Gay
Frances and Theodore Geballe
Juliet Gee
Winifred Gegan
Rose Gehm
Susan Geifman
Nancy and Richard Gerber
Carol Gerdes
Minnie and Ray Geronimo
Lisa and Richard Gerould
Keith Gershon
Barbara and Robert Gex
Cathy Giammona
Maureen and David Gianelli
Bingham and Charles Gibbs
George Gibbs
Marion and Irwin Gibbs
Marjorie and James Gibbs
Esther Harri and Jeanne Gibson
Kay Gibson
Pamela Cook and Paul Gietzel
Lisa Hirahara and Steven Gifford
Sandra and Ken Gigliello
Nancy and Thomas Gigliotti
Kathleen and Andrew Gilbraith
Elizabeth Guy and Lawrence Giles
Sandra and Talia Gilford

Laura and Whitney Gilkey
Leela Gill
Brinn Riley and Andrew Gillen
Karen Giorgianni
John Girton
Marjorie Anne and Patrick Gisslow
Carol and John Glanville
Lissa and Alan Glassberg
Robert Glavin
Dana and Dan Gleason
Lorraine and David Gleason
Julie and Jonathan Gleason
Leigh Gleason
Mr. Robert Gledhill
Anja and Siegfried Glenzer
Janet and Richard Glidden
Marianne and Richard Glosenger
Kay and Ken Gobalet
Jill Godkin
Christina Goette
Laura and Joseph Gold
Florence Goldberg
Emily and Michael Goldberg
Phyllis Kamrin and
Michael Goldberg
Alan Goldfien
Niki Goldsborough
JoAnne and Jon Goldstein
Savanna and Michael Goltzer
Diana Lum and David Gomberg
Melanie and Alex Gomez
Christina Chyan and Ted Gon
Alan Gong
Helen and Al Gonzales
Kendra and David Good
Evelyn Goodman
Jeanette and Isaac Goodman
Leslie Goodrich
Nina and Christopher Goodwin
Vivian and John Goodwin
Carrie and Ben Goorin
Paula and James Gorder
Amy and Jim Gordon
Philippa and Phillip Gordon
Eva-Marie and Rusty Gordon
Bernard Gore
Julie and Terry Gorman
Katrin and Marcus Gosling
Phyllis and Eugene Gottfried
Bruce Gottlieb
Binnie and Perngfei Gou
Catherine Wagner and Roger Gould
Rhonda and Richard Gourno
Jeremy Gove
Sara Beckman and Charles Gow
Thelma Chan-Gow and Peter Gow
Edith Haritatos and Geoffrey Gowan
Maureen Grabowski
Margaret Graf
Shirlee and Scott Graff
Carol and Arthur Graham
Mariam and John Graham
Victoria Abeyta and David Granados
H. Donald Grant
Doris Grau
Ruth Gravanis
Carole and Bruce Gray
Pamela and Timothy Gray
Barbara Kriz and Stephen Grayson
Deborah and Edmund Green
Nichola and Richard Green
Nancy and Roger Green
In honor of Katharine Greenbaum
Deborah Jensen and Tom Greene
Flora Greenhoot
Jill and Robert Greenman
John and Mike Greenwood
Carol Lei and Ray Grefe
Maurice Gregg
Beverly Gregory
Mary and Daniel Gregory
Lynn Grier
Misako and Dennis Griffin
Nancy and Kelly Griffin
Sherri Griffin
Laura Winfrey and Douglas Grigsby
Angelyn Grillo
Patricia Grimmer
Janet Grison
Charlotte Griswold
Sharlyn and Todd Gritzer
Carolyn and Margaret Grohne
Verle and Moses Grossman
Charlotte Mosher and
Stuart Grossman
Shawn Grunberger
Cindy Herron and Tom Guerry
Maria Guevara
Margaret and Annie Guichard
Eleanor Guilford
Lillian Cortes and Gil Guillermo
Roberta and John Gumz
Rona and Steven Gundrum
Sharon McNamee Gunther and
William Gunther
Gary Gustman
Robbin Kawabata and
Carl Gutekunst
Ginger Guthrie
Roger Guy-Bray
Michelle and Thomas Haan
Janet and Jeff Haas
Mary Haber
Jean Guthrie and Ian Hadley
Andrew Haedt
Michael and Haiyan Hafferty
Katie and Jeff Hagan
Mary and Donald Haggerty
Carole and Michael Hale
Marianne and Roy Hale
Elizabeth and Ian Halifax
Dominique and Neil Halilej
Barbara Hall
Edna Hall
Elizabeth McLoughlin and
Thomas Hall

Did You Know?

The Hopi people of the Southwest are a group of Pueblo Indians thought to descend from the prehistoric Anasazi, or "Ancient People."

Shirley and Lawrence Halling
Mary Eloise Halperin
Rosalie and Carl Hammond
Norma and David Hammons
Sharon and James Hampton
Lillian and Donald Hanahan
Steinunn Baekkeskov and
Douglas Hanahan
Ayako and Nobuaki Hanaoka
Charles Hancock
Helga Hanken
Douglas Hanks
Megan Hanks
Barbara Moulton and
James Hannawalt
Marianna and John Hannon
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Frederick Hansen
Lisa and Greg Hansen
Katherine and James Hansen
Christine and Jay Hansen
Arlene and Michael Hansen
Lonny Baker and Todd Hansen
Helen and Donald Hanson
Jack Hanson
Pamela and Frederick Hansson
Joyce Sakai and Noboru Hanyu
Ann Hardeman
Susan Hardeman
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Martha Olney and Esther Hargis
Nancy Jane and Nicholas Haritatos
Betsy and John Harker
Ruth Gilombardo and Robert Harker
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Anne Flatte and
Matthew Harrington
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Gary Harris
Kim and John Harris
Shirley and Kenneth Harris
Jeannette and Mark Harris
Mary Harris
Paul Harris
Suzanne and Juan Harrison
Heather Tarantino and
Thomas Harrison
Lloyd R. Craighill and
Beatrice Hartman
Tanna Strain and George Hartmann
Heidi and Oliver Hartsough
Shirley and James Harvey

Who Knows?

Only 47% of American adults can roughly approximate the percent of the Earth's surface that is covered with water. (It's about 70%.)

Joyce and Philip Harvey
Barbara Harvie
Laura and Frank Haseloff
Lorraine Olague and Stuart Hastings
Blanca Senor and Chris Hausser
Virginia Havens
Pamm Higgins and Steve Hawk
Cole Hawkins
Arden Hawley
Maryann and Glenn Hayame
Yukiyo Hayashi
Patricia Fitch and Al Hayashida
Laura and Eugene Hayden
Dayle Hayes
Dana and Tom Hayse
Shannon Head
Alison Heath
Noreen Cooper Heavlin and
William Heavlin
Ann and Shawn Hecht
Elizabeth and James Heidt
Siva and Richard Heiman
John Heinsius
Elizabeth Montgomery and
Kurt Heinz
Karen Heitkamp
Kira O'Day Heller and
Ephraim Heller
Mary and Philip Heller
Stephen Heller
Jo Ann Florendo and Robert Hellman
Eloice and John Helms
Anne-Christine Massullo and
John Hemann
Jill Shepard and Frederick Hempel
Mary F. Hempel
Cathy and Jerry Hendel
Derry Henderson
L. Joseph Hendricks
Faye and Tom Hendricks
George Henke
Marie Lilly and Robert Henriquez
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Lucy and Mark Herman
Ed Swanson and Paul Herman
Maurice Loomis and
Donald Hermann
Barbara and Paul Hernandez
Alba Barreto and Sandra Hernandez
Diona Herrera
Cathryn and Timothy Herron
Sharon Sasaki-Herzstein and
Peter Herzstein
Patricia Hess
Patricia Hess
Vesna Lerotic and
Manfred Hettenkofer
Maureen and M.I. Hetzel
Leah and Paul Heyworth
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Debra Krutul-Hicks and
Arthur Hicks
Sakaye and Jitsuo Higashi
Gretchen Knoell and Mark Higbie
Joan and Robert Higgins
Colleen and William Higgs
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Ruth and Monte Hill
Myrle Hillback
Karen and Stephen Hillenburg
Karen Hilliard
Kenneth Himes
Kim and Paul Hink
Rachael and Chad Hinson
Helen and Charles Hinson
Jan Hintermeister
Gary Hinze
Richard Hippard
Delphine Hirasuna
Akiyo Hirose
Sheryl Hooper and Brian Hitchcock
Andrea and Brian Hite
Patty Louie and William Ho
Yoshiko and Kenneth Y.K. Ho
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Hanna Hochfeld
Christie and Alan Hochschild
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James Hodgen
Ulrike and Robert Hodges
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Jeanne Hoff
Kathryn Forrest and
Christopher Hoffman
Stephen Hoffman
Anne Curtis and Valerie Hoffman
Trudi and Otto Hofmann
Mark Hogan
Florence and William Hogan
Marta Rivas and Lisa Hogg
Anne and Kenneth Hogue
Adrienne and Axel Hoke
Tsugiko Holdaway
Jeanette Sill-Holeman and
Dennis Holeman
Nancy and John Holleman
Barbara Holleran
Betty and Alexander Hollett
Sharon Amacher and Jay Hollick
Anne Holly
Barbara and David Holman
Anna Holmes
Elizabeth Holmes
Donna Hubbard and Glenn Holsclaw
Geraldine and John Holt
Nancy Holter
Dan Holtman
Eva Cohen and Steven Holtzman
Calvin Hom
Christine and Jason Hom
Annette Floystrup and Ben Hong
Charlotte Kuo and Willard Hong
Takako Hongo
Mary Philp and Dvora Honigstein
Elizabeth Hook
Pamela Hook
Molly and Jock Hooper
Leslie and Jeff Hopkins
Lily Hori
Carol Hornibrook
Robin and Dick Hornung
Ginny and John Horton
Megan Topping and Mark Horton
Patricia Wood and Gary Hoshiyama
Kay Hosmer
Deborah and Skip Hovorka
Kenneth Howard
Mary Fitzgerald and Robert Howard
Edith and John Howell
Keith Howell

Kenneth Howell
Anne Gordon and Jonathan Howland
Frances Howrey
Alrick Fredrich and Ching-Li Hsu
Esther and Victor Huang
A. Huber
Cynthia and Joseph Huber
Jan and John Hudson
Victoria and Michael Hughes
Raleigh Hughes
Richard Hughes
Pamela and Thomas Hughes
Ivonne and James Hull
Jacqueline and John Hullar
Justine Hume
Adrienne and G.L. Humphrey
Kevin George and David Hunt
Katherine Hunt
Jocelyn Hunter
Nancy Hunt-Kiesling
Kathleen and Teresa Hurley
Eunice Chen and Jeff Hutchins
Carole Hutchinson
Tinsley and Thomas Hutson-Wiley
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Miriam Illencik
Virginia Ingham
Valentina Imbeni and Andrew Ioannou
Irma Diaz-Iraheta and Salvador Iraheta
Tanako Hagiwara and Christine Irsfeld
Mary Rowell and Bruce Irving
Laura Dansky and David Isenman
Kumiko Ishida
Harriet and Lawrence Israel
Henrietta and Wilfred Ito
Dawn Iwamoto
Georgia and Michael Jack
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Nadja Jackson
Jacqueline and Donald Jacobberger
Elizabeth Macdonald and Allan Jacobs
Terry and Daniel Jacobs
Shelly Levine and Don Jacobs
Edgar Jacobs
Elizabeth Jacobs
Carol Hirth and Jim Jacobs
Louise Jacobs
Skye Greilsheimer and Erik Jacobsen
LaVonne Jacobsen
Barbara and Carl Jacobson
Hazel Jacoby
Frances Jaekle
Helen and Donald Jaffe
Aparna Seethepalli and Sarvesh Jagannivas
Heather and Sanjay Jain
Cynthia James
Elizabeth McDonald and Earl James
Hermia James
Linda James
Margaret and Arthur Jampolsky
Patricia and Clair Janes
Katja Rimmi and Al Jaramillo
Helen and Irving Jarkovsky
Judith and Alan Jason
Laura Jason
Patricia and Raymond Jeffre
Betty and Carl Jensen
Eric Jensen
Paul Jensen
Jan and J. Peter Jensen
Rosemary and James Jepson
Christina Cundari Jerkins and Joseph Jerkins
Paula and Richard Jesson
Claudia Jeung
Helen and Paul Jewett
Kathy and Mark Jimenez
Judith and Thomas Johansing
Andrea Rodriguez and Allan Johnson
Kim Overton and Carl Johnson
Carol Johnson
Penelope and Charles Johnson
Jerry Johnson
Karen and Keith Johnson
Laura Johnson
Anna Mazoschek and Michael Johnson
Myrtle Johnson
Rachel Johnson
Jeannie Cervera and Rick Johnson
Barbara and Robert Johnson
Marian and William Johnson
Martha Johnston
John Jolly
Hilda and Gerald Jonas
Dana Wright and Stephen Jonas
Mary Griffin-Jones and Clinton Jones
Linda and Edward Jones
Jane Kim and Gordon Jones
Margaret and Henry Jones
Jean Jones
Diane and Mike Jones
Millicent Jones
Margaret and Reese Jones
Robert Jones
Corliss Lee and Hal Jordy
Louis Josephson
Marti Baroody and Michael Joseph
Connie and Spiro Jouganatos
Kathy Juarez
Isabel and Leo Juarez
Bernice Juliano
Becky and Eric Julien
In memory of Nancy Junge
June Kadish
Margaret Kadoyama
Claudia Kaestner
Dustin Kahn
Emma Kahn
Joy Kaiser
Linda and Kent Kaiser
Ana and Duane Kalar
Christina and Andrew Kalman
Kathryn and Frank Kalmar
Joanne and Joe Kamiya
Lila and Alfred Kane
Carla and Robert Kaniasty
Carla and James Kanter
Jane and James Kantor
Judith Haxo-Kapoor and Art Kapoor
Deneb Karentz
Adela and Joel Karliner
Elizabeth Karlsrud
Tin-Na Kan Karnavy
Rachel Hoffman and Andrew Karpp
Helen Karrer

Did You Know?

To reduce their vulnerability to predators, some birds have acquired the ability to sleep with one eye open and one side of the brain asleep.

Kate Hartley and Michael Kass
Jill and Brian Kasser
K. and B. Katko
Irene and Kiyoshi Katsumoto
Janet Katten
Kristen and Ori Katz
Lisa and Robert Katz
Beverly and David Kavanaugh
Gwendolyn Holcombe and Carl Kawaja
Beryl Kay
John Kay
Elise and Ralph Kazanjian
Miriam McGuinness and Eugene Keegan
Jan Keele
Virginia and Todd Keeler-Wolf
Alice Keenan
Deborah Keenan
Susan and Walter Keenan

Did You Know?

Some species of fish can skip along the surface of the ocean, others can glide, and some can even climb rocks.

Jennifer Keim
Salvadora Keith
Joan Kelleher
Richard Keller
Frances Cogswell Keller and Roy Keller
Frannie and James Kell
Katharine and Patricia Keeley
Sharon and Tom Kelley
Rebecca Katz and Gregg Kellogg
Elizabeth Kelly
Mary and Kevin Kelly
Lee Anna Kelly
Monique and Bruce Kelson
Margot and Robert Kemp
Stephen Kempainen
Diane and James Kennedy
Josephine Kennedy
Chrissy and Michael Kennedy
Linda and W.E. Kennedy
Hester and Robert Kenneth
Robert Kenney
Elizabeth Keough
Helen Kerbavaz
Gwen and John Kerner
Saralee Keropian
Debra and Douglas Kerr
Sylvia Kershaw
Harold Kerster
Monica McHenney and Peter Kessler
Doris and Roger Ketcham
Erna Ketchum
Terry and Robert Keyes
Tasneem Shaik and Mohammad Khazi
Sara Hicks-Kilday
Mary and Bill Kidd
Robert Kieckhefer
Elizabeth and John Kiernan
Heidi Kilgore
Patricia Higa and Vaughn Kilgore
Lisa and Jack Kilmartin
Elizabeth and Bo Kim
Sallie and Hubert Kim
Morgan Dox and Steve Kim
Edith and Michael Kimbell
Carl Kimmich
Rebecca and Joel King
Kevin King
Robert King
Tamara Kapelewski and Timothy King
Tia and Jason Kinser
Therese Babineau and Patrick Kirch
Anne Kircher
Kenna Mawk and Paul Kirk
Katherine and James Kirkham
Lynn Kirshbaum
Linda and Bob Kiss
Ann Cummings and William Kissinger
Eileen Kivlehan
Deborah and Walter Kleinecke
William A. Kleinecke
Patricia Tracy and John Klem
Kathleen and Michael Klestoff
Ursula and Richard Klier
Muriel and Robert Knapp
Shelly Rintale-Kneapler and David Kneapler
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Walter Knoepfel
Catherine Knudsen
Patricia Stone and Chapin Koch
Jean and Lincoln Koch
Donna and Richard Koehler
Elaine Koehn
Barbara and Thomas Koerber
Denise Garone and Stuart Kogod
Mary Ann Cryan and John Kollins
June and Thomas Konno
Katherine and William Korbholz
Molly and Yuval Koren
Gail Wallace and Francois Korn
Kate and George Korsh
Rebecca and Michael Kosinski
Randy Koster
Harriet Kostic
Casey Inman and Matthew Kowitt
Barbara Kral
Elena and Ron Krause
Jacqueline and Steve Krause
Corinne Kreeger
Isobel Krell
Marla Miller and David Kremer
Michelle Kriebel
Margaret and Hans Krieger
Katharine Krieger
Arlene and Steve Krieger
Indira Patil and Nety Krishna
Velia Kroupa
Kristina and Joseph Krow
Lily Ku
Sue Ellen and Stuart Kuhn
Corinna Schubert and Bill Kuimelis
Jill Ross-Kuntz and Irwin Kuntz
Linda Robertson and Michael Kurland
Beatrice Kushner
Christian and Lance Kuykendall
Rosemary Kvaternick
Kim and Victor Kwan
David Kweder
Edward Kwong
May and Brian Ladrillono
Loren McLaughlin and Greg LaFollette
Marie and Jacques Lagarde
Amy Smith and Warren Lager
Mee Mee Lai
Philip Lally
Andree Lamanet
Hilary Lamar
Beth Lamb
Sally and Thomas Lambert
Helen Lamkin
Jean Olive-Lammers and Jim Lammers
Barbara Shipley and Paul Lamoreux
Jane Ann Lamph
Marlynn Lancelotti
Christina Velasco and Greg Landau
Mortimer and Jeffrey Landsberg
Luise and J.L. Lane
Glory and Marshall Lane
Ellen and William Lange
Mara and David Langer
Mary Helen Briscoe and Wayne Lanier
Helen Bogner and Jessica Lapic
Leo LaRocca
Yolanda Larrabee
Christopher Larsen
Jeannette and R. Rand Larsen
Almon Larsh
Joe Larson
Julie and Alan Laskin
Mary Ann Lassen
Patricia and Khateeb Lateef
Philip Lathrap
Richard De Natale and Craig Latker
Katherine and Edwin Lau
Eva Lau
Barbara Swary and Stewart Lauterbach
Penelope and Roy Lave
Alba Lavino
Betty and Ross Lawler
Kara Wright and James Lawrence
Beatrice and Robert Laws
Susan Saylor and Alexander Lawson
Mary Jane Call and Andrew Lax
Lori Johnson and Stein Laxo

Susan and Gerry Lazzareschi
Robert Lea
Ellen Sueda and Mark Leach
Judy Leash
Peter Ledee
Tracey Limon and Angela Lee
Janice and Bob Lee
Bruce Lee
Cheng-Chi Huang and Chu Pin Lee
Christine and David Lee
Robin and David Lee
Patricia and Ford Lee
Anna and George Lee
Hector Lee
Carole and Henry Lee
Abigail Craig and John Lee
Judy Lee
Minae and Keibock Lee
Michelle and Michele Lee
Jane and Nelson Lee
Peter Lee
Lucille Eng Lee and Raymond Lee
Jennifer Ingle and Ryan Lee
Sarah Gore Lee
Wei Jia Li and Stanley Lee
Sandi Wong and Wil Lee
Narissa and William Lee
Lynne Leeper
Mei Kim Carol Lee
Sarah and Jacques Lefievre
Stephanie and Chris Lehman
Gabriella Gazzano and
John Lehmann
Michael Lehmann
Alice and Jack Leibman
Maxine Leibowitz
Virginia Leishman
Bernie Leitner
Gloria and Harold Leitstein
Muriel and Sanford Leland
Sandra Lelich
Sandra and Jeremy Lenhardt
Roberta and Don Lenkeit
Serena Hu and John Lenox
Ly and Edward Leong
Elena Mak and Louis Leong
Marcia and Elliot Lepler
Shannon Trimble and
William Lerrigo
Kate and Andrew Lesher
Elaine Bitzel and Douglas Leslie
Barbara and Robert Lester
Jacqueline and Aaron Leventhal
Vinita and Benoit Levet
Madalin and Jim Levie
Alanna Zrimsek and Morton Levin
Annette Levine
Leonard Leving
Phyllis and Harold Levy
Ekaterina Petkova and Kevin Levy
Terry and Mark Levy
Dale and Charles Lew
Nancy Lew
Suzanne Toller and Derf Lewis
Joan and Evan Lewis
Joanne and Raymond Lewis
Laura Becker-Lewke and
Reynold Lewke
Pat and Anthony Ley
Shirley Chiu and Richard Li
Marleen and Steven Li
Sau Leung and Jerry Liang
Sara Flynn and Don Libbey
Kathy Liccardo
Bettie Lichtman
Caroline and Harry Lieberman
Adrienne and Van Lieu
Robin and Michael Liffmann
June and John Lilienthal
Carol and Al Lilleberg
Leigh Kimberg and Melissa Lim
Susan Sakuma and Wilfred Lim
Lois and Karl Limbach
Janet and David Lin
Sascha Lin
Lychin and Steven Lin
Wen Li and Wen Jung Lin
Elaine and Ward Lindenmayer
Louise Linford
Cynthia and Steve Ling
Joyce and William Linn
Maril Blanchard and Robert Lippman
M. Taylor and Richard Lira
Claire and Edward Liska
Angela Little
Lang Anh Pham and Alan Littleford
Katherine and Chelcie Liu
Diane Liu
Yuhsin Kao and Huey-Ru Liu
Wendy Zhong and Liang Liu
Xue Wang and Wei Liu
Carol and Barry Livingston
Paul Livingston
Peter Llerena
Gisela Lloyd
Pearl and Chuck Lock
Patricia Lockhart
Elizabeth and Leon Loew
Alexandra and Lou Lofrese
Elisabeth Lohmann
Patricia Day-Lollini and Lance Lollini
Loma Prieta Club
Rachel Lombrana
Kathleen Blamey and Jack Londen
Judith and Patrick Long
Marguerite and David Lopez
Sally and Frank Lopez
Marc Loran
Edward Lortz
Ann Elston and Lawrence Lossing
Mikkel Louie
Eleanor and David Louis
Victoria Loustalot
Gale and Jon Love
Edward Low
Robert Low
Beverly and Wilford Low
Nancy Siu and Arnold Lowe
Monica and Chad Lowe
Chesley Williams and
Jacob Lowenstern
Elizabeth and William Lucey
Eroeda Luck
Diane and Dave Luders
Mia Ludlow
Patsy and James Ludwig
Vivian and Andrew Lui
Cris and Ed Lui
Sandra Lujan
Cara Ching and Paul Lum
Sandy Lundgren
Leslie Murchy and Eric Lundquist
Harold Lustig
Sonya Pelia and Matthew Lutzker
Dorothea Lyman
Holland and Kevin Lynch
Cherlyn and Walter Lynch
Lorraine and Cameron Lyon
Dayna and Harry MacDannald
Dawn and Clark MacDonald
Eleanor Macdonald
Ewan Macdonald
Margaret and Lawrence Maciborka
Laura Billingsley and
Stephne MacIntosh
Jennifer and Michael Mack
Mary and Ed Mackin
Joan and Ronald Mackin
D.C. Maclise
Barbara Botelho and
Diarmuid MacNeill
Carol and Alec MacPhail
Horace MacVaugh
Jemima Madden
Paula and Kip Madden
Leah Maddock
Richard Maddox
Ronald and Patricia Madson

Guess What?

The world's largest frog is the Goliath frog, *Conraua goliath*, found in Cameroon, Africa. It can weigh up to eight pounds and grow 35 inches long.

Did You Know?

Since 1995, approximately 250 planets outside our Solar System have been discovered. These planets orbiting distant stars are called "extrasolar planets" or "exoplanets."

Joyce and W.P. Maggiora
Bonnie and Jeff Magill
Rafelina and Anthony Maglio
Anne and John Mahoney
Regan and Tyrrell Mahoney
Christiane and Jeffrey Maier
Melanie and Peter Maier
Joan and John Maki
Mrs. Brent Malarkey
Frank Malley
Marlene and Richard Mallory
DeAda and Henry Mally
R.C. Weiss and Jack Malone
Laura Rattay and John Maloney
Cathleen and Thomas Maloney
Joanne and Michael Mandel
Shantel and Allan Mangayayam
Rose Mangini
Evelyn Manies
Joan Manini
Ruth and Robert Manlove
Melanie and Daniel Manning
Russell Mannix
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Guess What?

The largest (and possibly rarest) butterfly in the world is the Queen Alexandra's Birdwing *(Ornithoptera alexandrae)*, found only in the rain forest of New Guinea.

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Guess What?

Scientists have adapted snake venom to treat high blood pressure, fight strokes, and halt the growth of cancerous tumors.

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Did You Know?

Although they dominate the modern landscape, flowering plants, in geologic terms, evolved somewhat recently. The first flowering plant appeared in the Cretaceous period, 130 million years ago. Before that, ferns, mosses, horsetails, and cone-bearing plants dominated the Earth's landscape.

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Did You Know?

Carbon dating has shown the world's oldest coral reef to be at least 8,000 years old.

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Guess What?

The collective weight of all the ants in the world is estimated to be equal to the weight of the world's entire human population.

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Did You Know?

Mammals can be difficult to study because many are shy and nocturnal, making it a challenge for researchers to find them.

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Soroya Wood
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Only 40% of American adults accept that evolutionary theory is true, ranking the U.S. second from the bottom in a 2006 study of 34 Western nations.

Who knows?

Katherine and Frank Woolard
Ann Kim and John Wooley
Patricia and Elliott Woolston
James Wrathall
Frances and Bruce Wright
Susan and Grant Wright
Roberta Wright
Andrea Lash and Ronald Wright
Lauren and Artie Wu
Nancy and Roy Wu
Pam and Wil Wu
Lisa Torres and Laurence Wuerstle
Anne French and
Richard Wurzelbacher
Karen Shane and Paul Wyss
Mary Kanter and Ron Yadao
Noymi and Aleksandr Yam
Shau-Ping Lo and Chung-Ting Yao

Did You Know?

When butterflies rest, they usually close their wings. In contrast, moths rest with their wings open.

Jennifer Yata
Mona and David Yee
Sandra and Edward Yee
Crystal and Elbert Yee
Rose and George Yee
Pauline Yeung
Karen Yi and Robert Yi
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Donna and Clifford Yokomizo
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Wendy and Tat Ng Yuen
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Did You Know?

The ratio of wing length to width (the aspect ratio) is a good indicator of how much lift and drag a bird's wings will have. Wings with a high aspect ratio, like those of a soaring albatross, generate more lift.

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Biogeochemistry
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Guess What?

Many of our favorite foods—coffee, chocolate, sugar cane, bananas and avocados—originated in tropical rainforests. Many are still grown on plantations in regions that were formerly forest.

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Jonathan D. Trent,
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Brian E. Tucker,
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James W. Valentine, Paleontology
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Irving Zucker, Biology
Emile Zuckerkandl,
Molecular Evolution

Financial Report

Statements of Financial Position: June 30, 2009 and 2008

	2009				2008
	Operating	**Plant**	**Endowment**	**Total**	**Total**
Assets					
Cash and cash equivalents	$ 1,556,539	$ 165,000	$ –	$ 1,721,539	$ 2,747,677
Investments	2,869,779	189,374,045	135,224,499	327,468,323	241,679,989
Receivables, net					
Research grants	713,135	–	–	713,135	742,388
Other grants	–	483,750	–	483,750	54,010
Accrued interest and dividends	–	1,546,045	310,988	1,857,033	1,014,004
Other receivables, net	1,141,209	–	–	1,141,209	3,531,287
Contributions, net	156,494	40,307,176	2,397,515	42,861,185	63,982,544
Due (to) from other funds	11,451,431	112,703	(11,564,134)	–	–
Inventory	107,087	–	–	107,087	–
Prepaid expenses	1,202,638	–	–	1,202,638	1,381,275
Notes receivable, net	–	–	3,142,424	3,142,424	5,081,209
Investments held in trusts	–	–	4,042,509	4,042,509	5,079,768
Restricted cash	–	–	–	–	350,000
Deferred bond financing costs, net	–	3,085,073	–	3,085,073	7,298,410
Property and equipment, less accumulated depreciation	–	439,543,251	–	439,543,251	421,010,023
Total assets	$19,198,312	$674,617,043	$133,553,801	$827,369,156	$753,952,584
Liabilities and Net Assets					
Liabilities					
Accounts payable	$ 447,145	$ –	$ –	$ 447,145	$ 7,449,557
Accrued expenses and other liabilities	4,199,680	443,331	519,676	5,162,687	6,025,765
Deferred income	6,076,340	–	–	6,076,340	407,083
Annuities payable	–	–	1,484,389	1,484,389	1,988,399
Bonds payable	–	281,450,000	–	281,450,000	180,000,000
Other long-term liabilities	229,692	35,000	–	264,692	489,137
Total liabilities	10,952,857	281,928,331	2,004,065	294,885,253	196,359,941
Commitments and contingencies (Note 12)					
Net assets					
Unrestricted					
Available for operations	999,111	187,681,794	8,108,380	196,789,285	97,709,409
Designated for property and equipment	3,358,985	162,464,742	–	165,823,727	246,286,893
Designated for endowment	–	–	49,221,531	49,221,531	87,982,718
Total unrestricted net assets	4,358,096	350,146,536	57,329,911	411,834,543	431,979,020
Temporarily restricted	3,887,359	42,542,176	16,620,833	63,050,368	73,142,336
Permanently restricted	–	–	57,598,992	57,598,992	52,471,287
Total net assets	8,245,455	392,688,712	131,549,736	532,483,903	557,592,643
Total liabilites and net assets	$19,198,312	$674,617,043	$133,553,801	$827,369,156	$753,952,584

Statements of Activities: Years Ended June 30, 2009 and 2008

	2009				2008
	Operating	**Plant**	**Endowment**	**Total**	**Total**
Change in unrestricted net assets					
Revenue and gains					
Admissions	$19,231,823	$ –	$ –	$ 19,231,823	$ 425,733
Contributions	5,878,249	14,537,834	1,404,949	21,821,032	41,825,490
Memberships	8,568,969	–	–	8,568,969	1,188,673
Tuition and program fees	1,314,663	–	–	1,314,663	487,985
Auxillary activities	4,053,620	–	–	4,053,620	134,365
Government grant revenue	3,336,487	533,750	–	3,870,237	5,112,569
City and County of San Francisco	4,695,925	1,508,421	–	6,204,346	22,766,119
Net investment income	$9,693	4,614,101	3,385,935	8,009,729	8,857,220
Net realized and unrealized gains (losses) on investments	(308,744)	3,593,019	(17,988,209)	(14,703,934)	(11,465,901)
Loss on sale of property and equipment	–	(48,135)	–	(48,135)	(58,226)
Total unrestricted revenue and gains	46,780,685	24,738,990	(13,197,325)	58,322,350	69,274,027
Net assets released from restrictions	2,377,738	29,805,886	2,702,086	34,885,710	38,154,077
Total unrestricted revenue, gains, and other support	49,158,423	54,544,876	(10,495,239)	93,208,060	107,428,104
Expenses					
Research	12,276,837	5,705,480	–	17,982,317	13,687,577
Public programs	14,571,747	3,508,715	–	18,080,462	6,582,197
Aquarium	13,086,725	5,353,815	–	18,440,540	6,884,660
Development and membership	5,926,651	2,825,661	–	8,752,312	4,428,574
Auxillary activities	4,972,203	261,453	–	5,233,656	925,695
Management and general	3,187,791	606,870	–	3,794,661	3,706,290
New Academy and transition	–	17,595,635	–	17,595,635	8,349,045
Total operating expenses	54,021,954	35,857,629	–	89,879,583	44,564,038
Transfers between funds					
Capital expenditures	(3,417,318)	3,417,318	–	–	–
Other transfers	11,684,614	–	(11,684,614)	–	–
Change in unrestricted assets before effect of change in accounting principle	3,403,765	22,104,565	(22,179,853)	3,328,477	62,864,066
Decrease in unrestricted net assets from adoption of FSP FAS 117-1	–	–	(23,472,954)	(23,472,954)	–
Change in unrestricted net assets	$ 3,403,765	$22,104,565	$(45,652,807)	$ (20,144,477)	$ 62,864,066

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